Abstract

Ontology is a replica for knowledge portrayal and is used to articulate profile of user in personalized web information extraction. Earlier user profile was created based on either global knowledge base or local repository. This model extracts global knowledge from web crawler and combines it with user preference to obtain user background knowledge. Finally specificity is calculated based on semantic relations is-A and part-Of. The search results are more personalized and accurate. Hence this model is suggested for web information extraction.

References

- B. Hima Bindu, I. Sandhya and Dr. P. Raja Prakash Rao, "Novel computation model for emphasizing global and local knowledge using Ontology"; ISSN NO: 66023127 IJART, Volume 3, Issue 1 August 2012), PP 29-34.
- S. Vigneshwari, M. Aramudhan, "A Technique to ontology Mining for Semantic Web Information Extraction"; ISSN 1450-216X vol. 94 no. 1, 2013, pp. 49-60.

**Index Terms**

Computer Science Information Sciences

**Keywords**

Ontology personalization user profile global repository user background knowledge